



The energy I trust for
safe and **complete**
disease removal.

Flexible CO₂ Laser for Head & Neck, Laryngology,
Airway Surgery, & Pediatric ENT



BeamPath® in Head & Neck Surgery, Laryngology, Airway Surgery, & Pediatric ENT

OmniGuide's revolutionary BeamPath ENT System places CO₂ laser energy into the hands of surgeons in an easy-to-use flexible fiber form. This intuitive design allows for improved access, increased precision and control in and around complex anatomical structures.

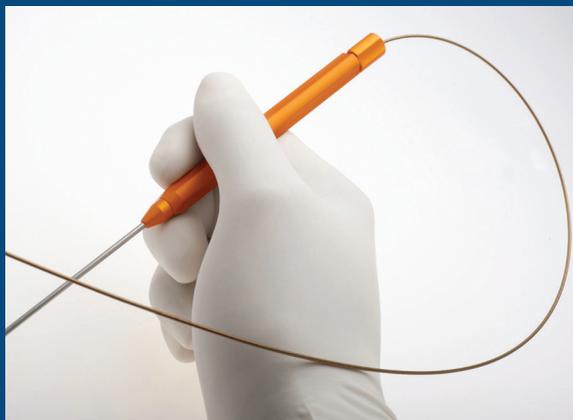
How it Works

Minimally Invasive Access

Safe and precise delivery of laser energy via OmniGuide's custom hand pieces, rigid bronchoscope, flexible endoscope or in conjunction with the robotic system.



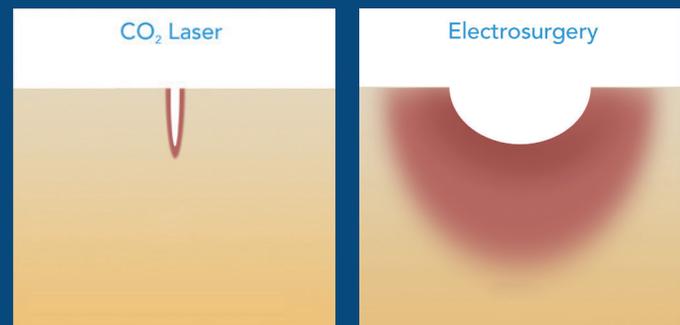
BeamPath laser fiber through endoscope



BeamPath laser fiber through handpiece

Predictable and Precise Tissue Interaction

- High absorption of CO₂ laser in water results in predictable and controlled tissue interaction with lateral thermal effect of approximately 0.15mm
- Electrosurgical energy causes a less predictable thermal spread and a tissue effect that is approximately 10x greater¹



~10x less thermal spread¹

Controlled Depth of Penetration

- The divergent laser beam facilitates easy and rapid depth control by adjusting distance to tissue
- Hemostatic cutting is achieved at close distances, while ablation and coagulation are achieved at farther distances



Head & Neck Surgery

POTENTIAL BENEFITS INCLUDE:

Enhanced Surgical Precision

- Improved access to difficult-to-reach, contoured anatomy^{2,3}
- Minimal thermal trauma improves confidence in obtaining negative margins⁴

Easier Histological Assessment^{5,6}

- Smaller coagulation zone and width of injury makes it easier to assess resection margins

Fast Patient Recovery, Return to Normal Diet²

- Low degree of post-operative swelling and scarring^{4,5}
- Good swallowing function and low need for tracheostomy, G-tubes^{5,7}

Laryngology, Airway Surgery, & Pediatric ENT

POTENTIAL BENEFITS INCLUDE:

Improved Surgical Efficacy

- Improved access near difficult-to-reach anatomy — more complete disease control, reduced recurrence^{8,9}
- Minimal thermal trauma with preservation of viable cells¹⁰

Increased Operative Efficiency

- Ease-of-setup and use — intuitive design provides more control⁸
- Multi-functional tool — can be used for cutting, ablation and coagulation^{8,9}
- Enhanced exposure minimizes changes in operative setup³

Oral Cavity Resection

- Partial Glossectomy
- Retrimolar Trigone
- Floor of Mouth

Oropharyngeal Resection

- Tonsillar Cancer
- Base of Tongue
- Buccal Lesion
- Soft Palate

Laryngeal Resection

- Partial Laryngectomy
- Cordectomy

Zenker's Diverticulectomy

Nasopharyngeal Stenosis

Removal of:

- Tracheal Papilloma
- Tracheal Granuloma
- Tracheal Amyloid
- Vocal Cord Polyps/Cysts
- Subglottic Hemangioma

Subglottic Stenosis Surgery

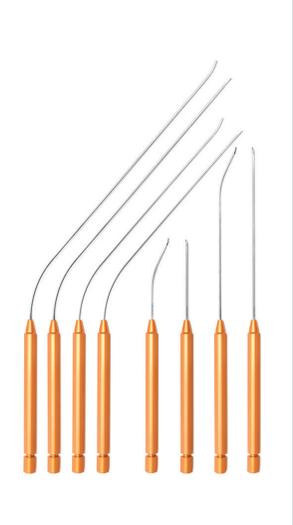
Supraglottoplasty

Posterior Cricoid Split

Arytenoidectomy

1 Ryan et al, J Neurosurg, 2010; 112(2): 434-43. 2 Hanby et al, World Journal of Surgical Oncology 2011, 9:83. 3 Holsinger et al, Laryngoscope 116: July 2006. 4 Solares and Strome, Laryngoscope 117: May 2007. 5 Gottschlich and Ambrosch, Operative Techniques in Otolaryngology (2004) 15, 252-255. 6 Zeitels et al, Annals of Otology, Rhinology & Laryngology 115(7):535-54. 7 Rich et al, Laryngoscope July 2009. 8 Jacobson et al, Otolaryngology-Head and Neck Surgery (2006) 135, 469-470. 9 Shires et al, International Journal of Pediatric Otorhinolaryngology (2009) 73, 67 --72. 10 Chettri and Long, Operative Techniques in Otolaryngology (2011) 22, 131-134

Ordering Information

	CATALOG #	PRODUCT NAME	DESCRIPTION
	ENT-L	ENT-L Laser Fiber	Set of 10 fibers, 150cm length
	BP-ROBOTIC	ROBOTIC Laser Fiber	Set of 10 fibers, 180cm length
	ENT-HS	ENT Handpiece Set	Includes eight ENT Handpieces; ENT-HP-6, 6B, 13, 13B, 18, 18B, 24, 24B and one autoclave tray
	ENT-HP-6	ENT Handpiece	6cm working length
	ENT-HP-6B	ENT Handpiece	6cm working length, curved tip
	ENT-HP-13	ENT Handpiece	13cm working length
	ENT-HP-13B	ENT Handpiece	13cm working length, curved tip
	ENT-HP-18	ENT Handpiece	18cm working length
	ENT-HP-18B	ENT Handpiece	18cm working length, curved tip
	ENT-HP-24	ENT Handpiece	24cm working length
	ENT-HP-24B	ENT Handpiece	24cm working length, curved tip
	ENT-TRAY	ENT Handpiece Tray	Replacement autoclave tray
		FLEX-ULTRA SET	FlexGuide ULTRA Robotic Fiber Conduit and Tray
FLEXGUIDE-ULTRA		BeamPath® Robotic Fiber Conduit	Compatible with 8mm large needle driver or 5mm needle driver
FLEX-TRAY		FlexGuide ULTRA Tray	Replacement autoclave tray
	420060-AA	BEACON 60W Laser with Articulating Arm	Portable CO ₂ laser, maximum power 60 W
	420030-AA	BEACON 30W Laser with Articulating Arm	Portable CO ₂ laser, maximum power 30 W
	ACC-GFU-100	Gas Filter Unit	100 PSI sterilized gas filter units, pack of 10
	ACC-SH-510	Helium Gas Cylinder	Helium gas tank (510 L), set of 4

For more information or to order call 888-666-4484 / 617-551-8444 or visit www.omni-guide.com

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